

L16 ANSWER 3 OF 48 WPIX (C) 2003 THOMSON DERWENT

AN 2001-468546 [51] WPIX Full-text

DNC C2001-141839

TI Foamed styrene resin particle for molded products, is obtained by mixing an agent which inhibits blocking and promotes fusion, and foaming agent to styrene resin particle.

DC A13 A32

PA (KOKC) ACHILLES CORP KK

CYC 1

PI JP 2001164028 A 20010619 (200151)\* 11p C08J009-22

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IC ICM C08J009-22

ICS C08J003-12

AB JP2001164028 A UPAB: 20010910

NOVELTY - A foamed styrene resin particle is obtained by mixing agent (A) which inhibits blocking and promotes fusion, and foaming agent to styrene resin particle. The agent A is **polyethylene wax** whose elastic modulus determined by dynamic viscoelasticity test, is reduced to -3 multiply 107 to -5 multiply 106 at 100-115 deg. C. Based on foamed styrene resin particle total weight, more than 0.05 weight% to 2.0 weight% of agent A is added.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for manufacture of foamed styrene resin particle which involves extruding styrene resin impregnated with foaming agent and agent (A), in the form of pellet.

USE - For molded products.

ADVANTAGE - The generation of block in the molded product during pre-expansion is prevented. The foamed styrene resin particle shows excellent fusibility.  
Dwg.0/4

TECH JP 2001164028 AUPTX: 20010910

TECHNOLOGY FOCUS - POLYMERS - Preferred Method: The foamed resin particle is obtained by adding foaming agent to styrene resin and mixing inside extrusion molding machine. Then, agent A is impregnated in the foamed resin particle.

FS CPI

FA AB

MC CPI: A04-G02E; A08-B01; A11-A03; A11-B06B; A12-S01A